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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Nielsen et al.

Title: PATIENT MONITOR AND  
METHOD WITH NON-INVASIVE  
CARDIAC OUTPUT MONITORING

Appl. No.: 10/034,351

Filing Date: 12/20/2001

Examiner: To be determined

Art Unit: 3762

<p><b>CERTIFICATE OF MAILING</b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on the date below.</p> <p><u>Karen Meier</u> (Printed Name)</p> <p><u>Karen Meier</u> (Signature)</p> <p><u>April 1, 2002</u> (Date of Deposit)</p>
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**PRELIMINARY AMENDMENT**

**Box NON-FEE AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicant respectfully requests that the above-captioned application be amended as follows:

**In the Specification:**

- **Delete paragraph [0032] at page 7, and substitute the following paragraph: (The changes are shown explicitly in the attached "Version With Markings to Show Changes Made.")**

A1  
Additional sensors may also be connected to the console 110. For example, many commercially available sensors are capable of transmitting data via an RS-232 link. In Fig. 1, respective RS-232 links may be used to transmit data from a plurality of additional sensors 155 to an interface 157, with the interface 157 retransmitting the data to the console 110 by a serial or network link. The sensors 155 may be the same or different types of sensors as the sensors 141-146.

- **Delete paragraph [0033] at pages 7 and 8, and substitute the following paragraph: (The changes are shown explicitly in the attached "Version With Markings to Show Changes Made.")**

A2  
The input signals from the sensors 141-146 are processed at the console 110 by amplifying-and-filtering circuitry 165, analog-to-digital (A/D) conversion circuitry 170,